



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Friday, December 29, 2017

Issued: 0800 CT

**Day 1 Weather Impacts:** *Critical fire weather conditions over E-Central NM.*

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Brian Hoeth**  
**817-978-1100 x 147**

# Key Points



## Today

- Critical fire weather conditions over E-Central NM

## Saturday – Monday (New Year's Day)

- Next cold front moves through the Region on Saturday; will usher in much colder temperatures to start the New Year
  - Freezing drizzle is possible over N TX & OK Saturday into early Sunday. Wintry mix is possible over AR possibly into N LA late Saturday night through the day on Sunday. By Sunday night freezing drizzle will be possible over Central into E TX, NW LA lingering into S-Central TX early Monday; will be patchy coverage at best.
  - VERY LIGHT to no accumulations expected; however, slick roads and patchy ice along with increased holiday travel may lead to hazardous travel conditions.
  - Low temperatures in the teens for much of the northern tier of the Region Sunday morning and even colder (single digits in the north, teens to 20s for middle portions of the Region) on Monday morning (New Year's Day).

## Tuesday

- No significant weather expected but cold temperatures continue

# FEMA Region 6 Threat Matrix

Dec 29, 2017 through Jan 2, 2018



	FRI	SAT	SUN		TUE
Severe Weather					
Heavy Rain / Flash Flooding					
Fire Weather	E-Central NM				
Winter		N TX, OK AR (Late)	N TX, OK, AR, N LA. Cntrl&E TX into NW LA (Late)	S-Cntrl TX (Early)	
River Flooding					

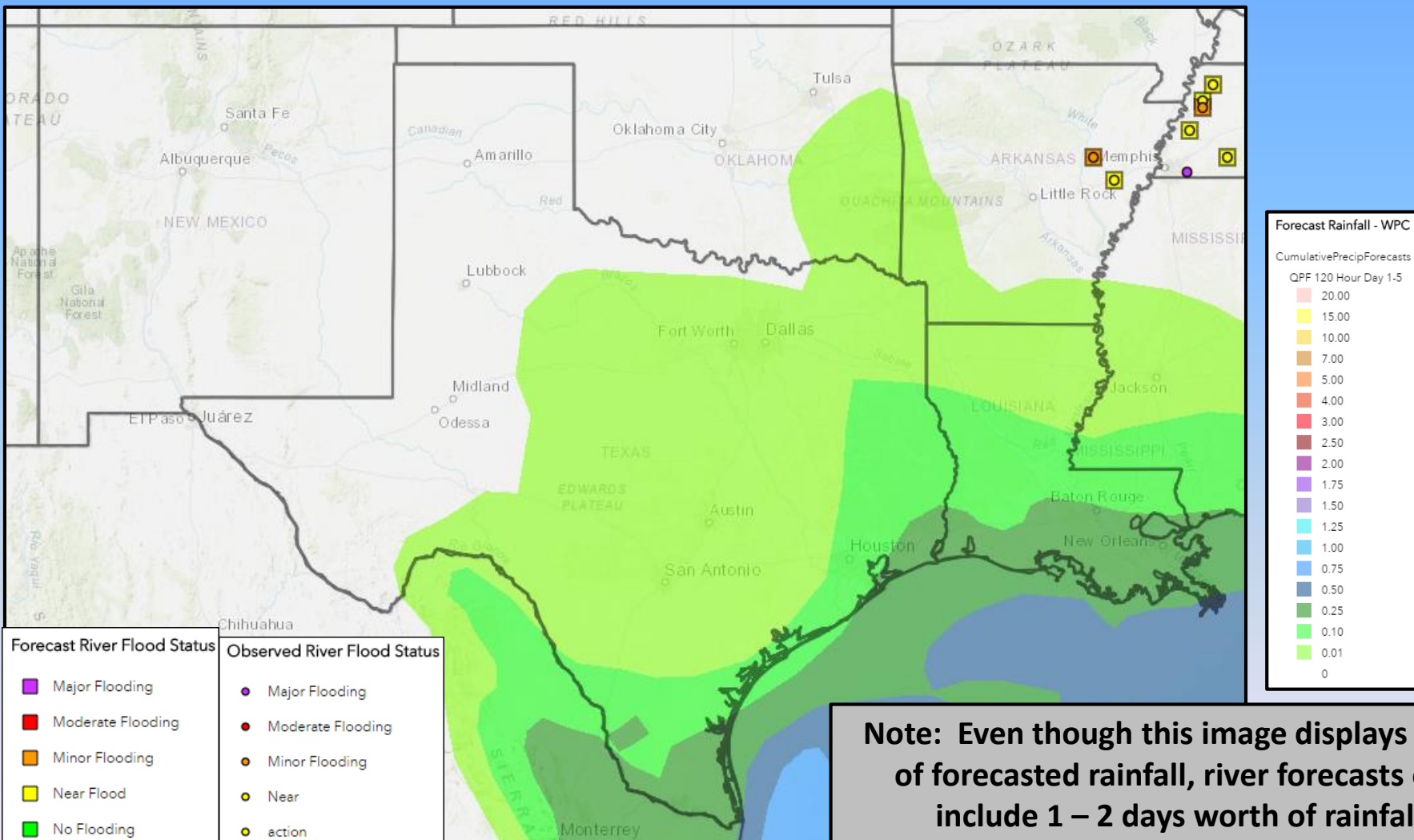
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



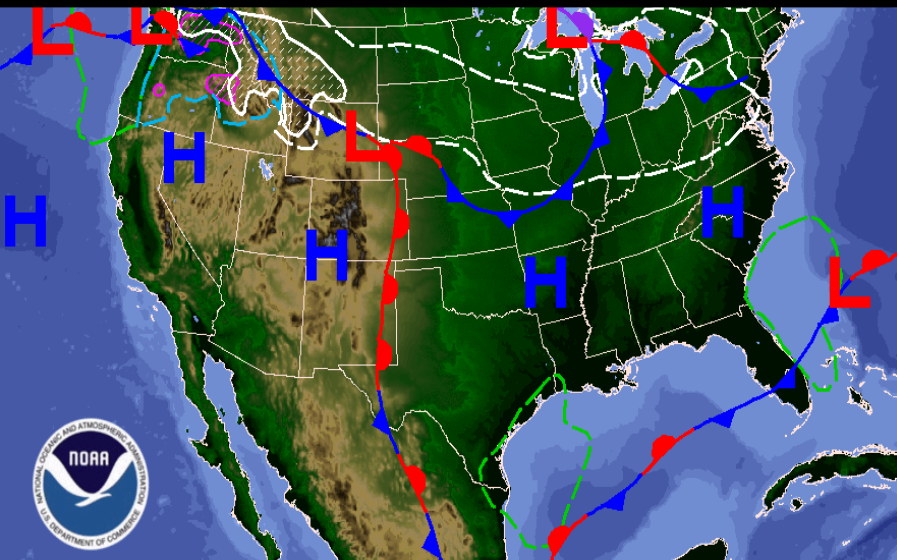
# 5-Day Precipitation Forecast & River Flood Status

**Very isolated minor river flooding will continue over E AR for the next few days.  
No significant impacts.**



**For the latest on river flooding: <http://water.weather.gov/ahps>**

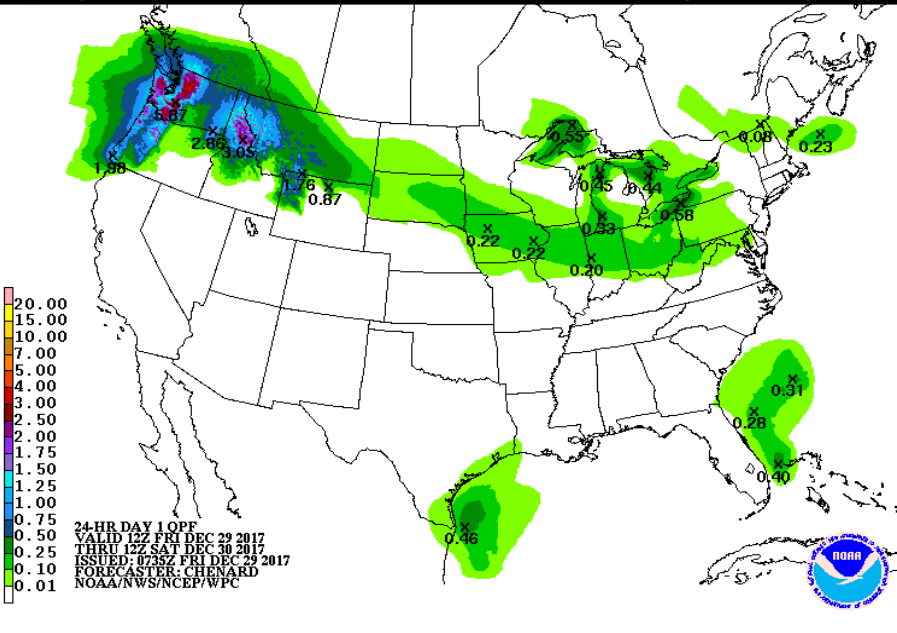
# Today's Weather



## Day 1 National Forecast Chart

Valid Fri, Dec 29, 2017, issued 3:53 AM EST  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Tate with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

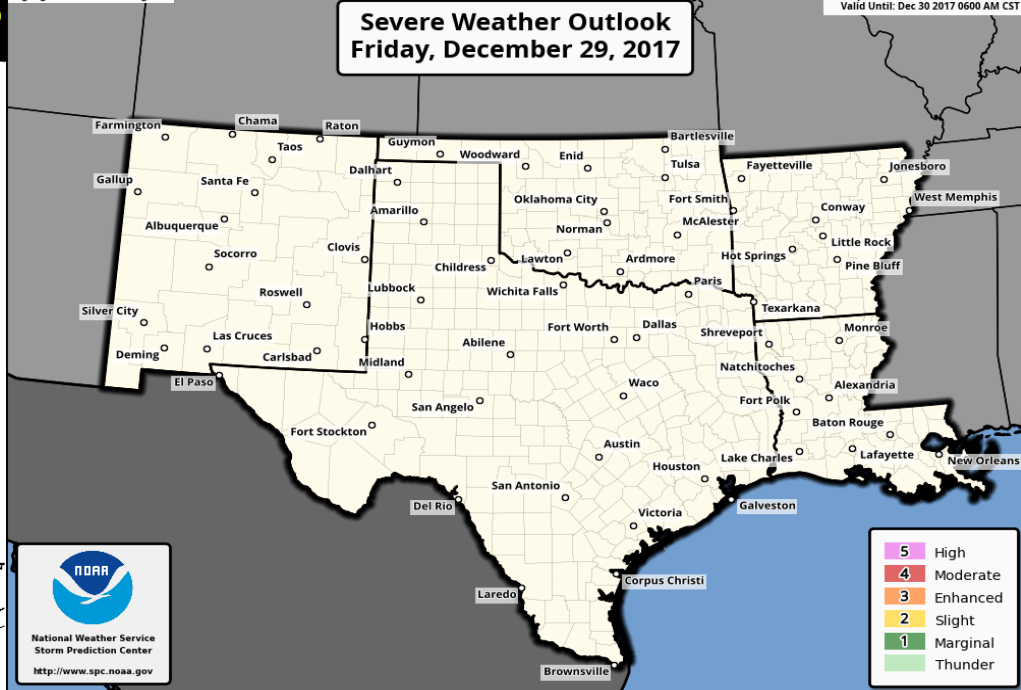


Critical fire weather conditions over E-Central NM.

Highlighted Area: FEMA Region 6

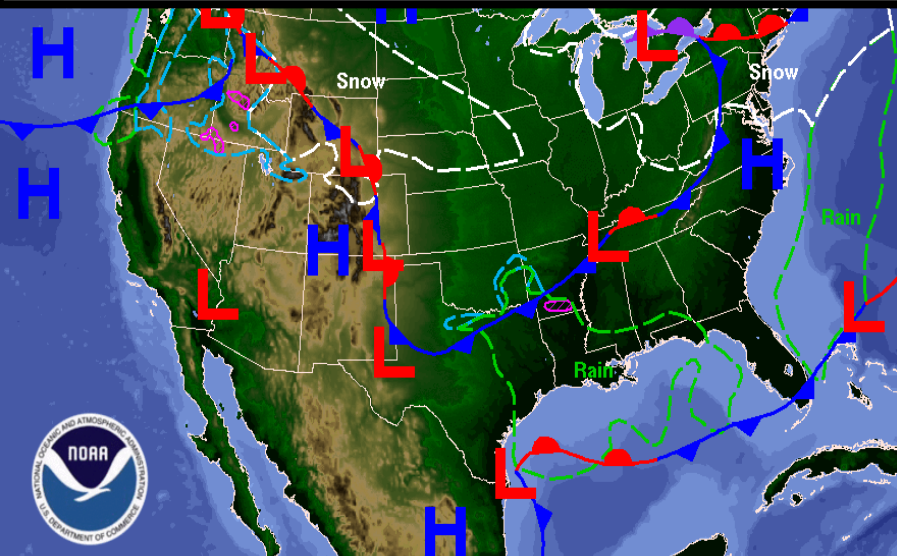
## Severe Weather Outlook Friday, December 29, 2017

Last Updated: Dec 29 2017 0604 AM CST  
Valid Until: Dec 30 2017 0600 AM CST





# Tomorrow's Weather

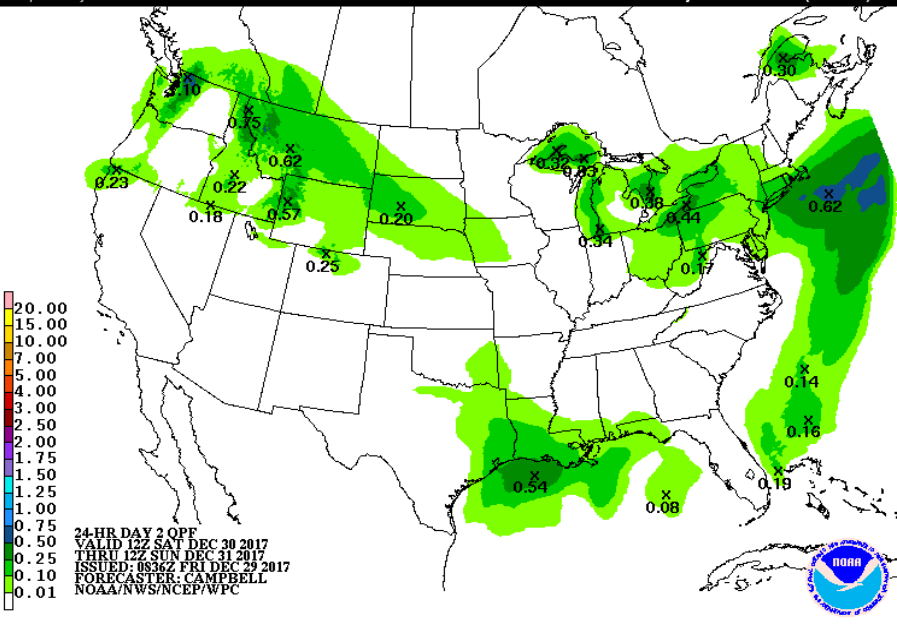


**Day 2 National Forecast Chart**

Valid Sat, Dec 30, 2017, issued 3:55 AM EST Fri, Dec 29, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Tate with WPC/SPC/NHC forecasts

**Rain**  
**Rain and T'Storms**  
**Rain and Snow**  
**Snow**

**Flash Flooding Possible (hatched)**  
**Severe T'Storms Possible (hatched)**  
**Freezing Rain Possible (hatched)**  
**Heavy Snow Possible (hatched)**



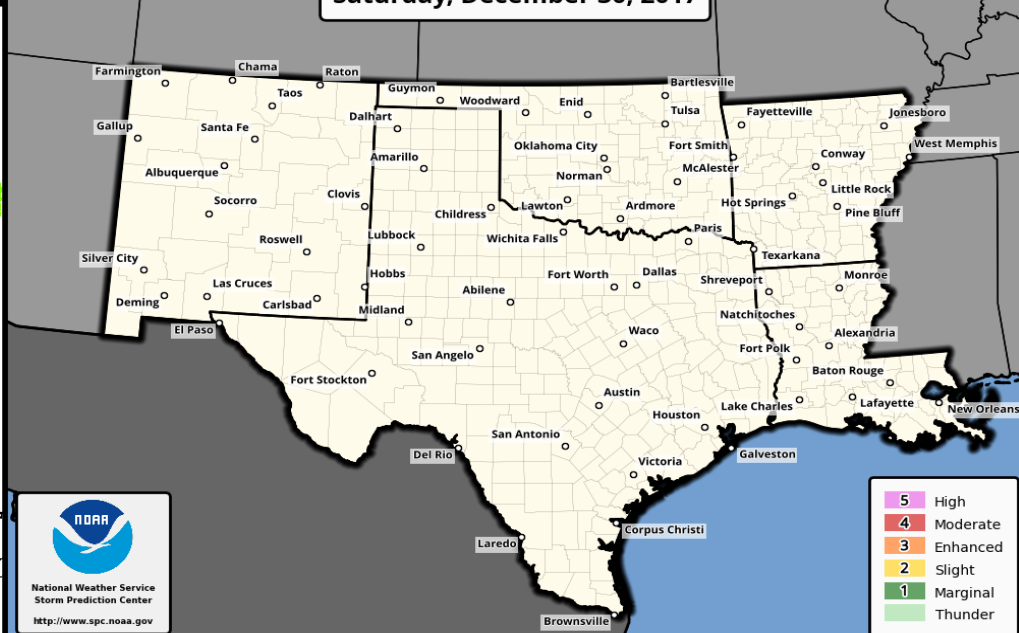
24-HR DAY 2 OPI  
 VALID 12Z SAT DEC 30 2017  
 THRU 12Z SUN DEC 31 2017  
 ISSUED: 0836Z FRI DEC 29 2017  
 FORECASTER: CAMPBELL  
 NOAA/NWS/NCEP/WPC

Freezing drizzle is possible over N TX & OK Saturday into early Sunday. Wintry mix is possible over AR possibly into N LA late Saturday night through the day on Sunday; little to no accumulations expected.

Highlighted Area: FEMA Region 6

## Severe Weather Outlook Saturday, December 30, 2017

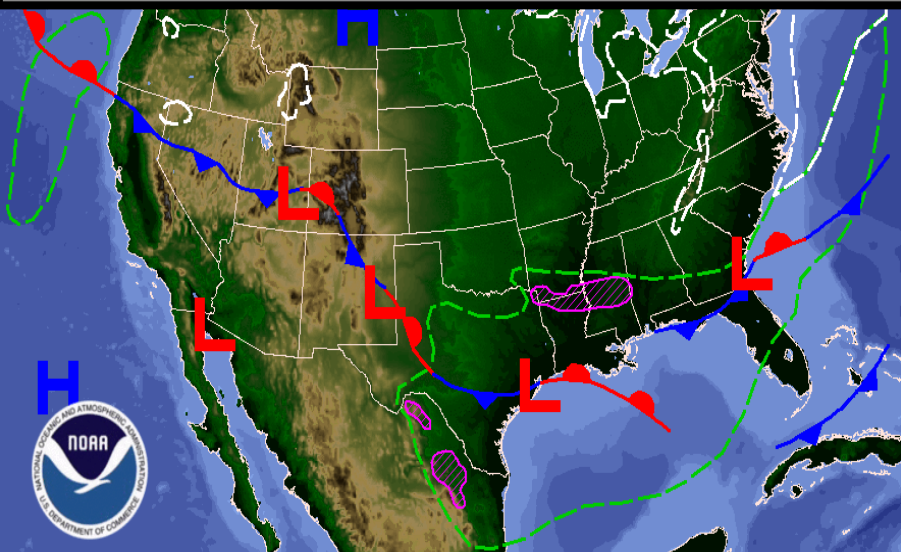
Last Updated: Dec 28 2017 1013 PM CST  
 Valid Until: Dec 31 2017 0600 AM CST



**NOAA**  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

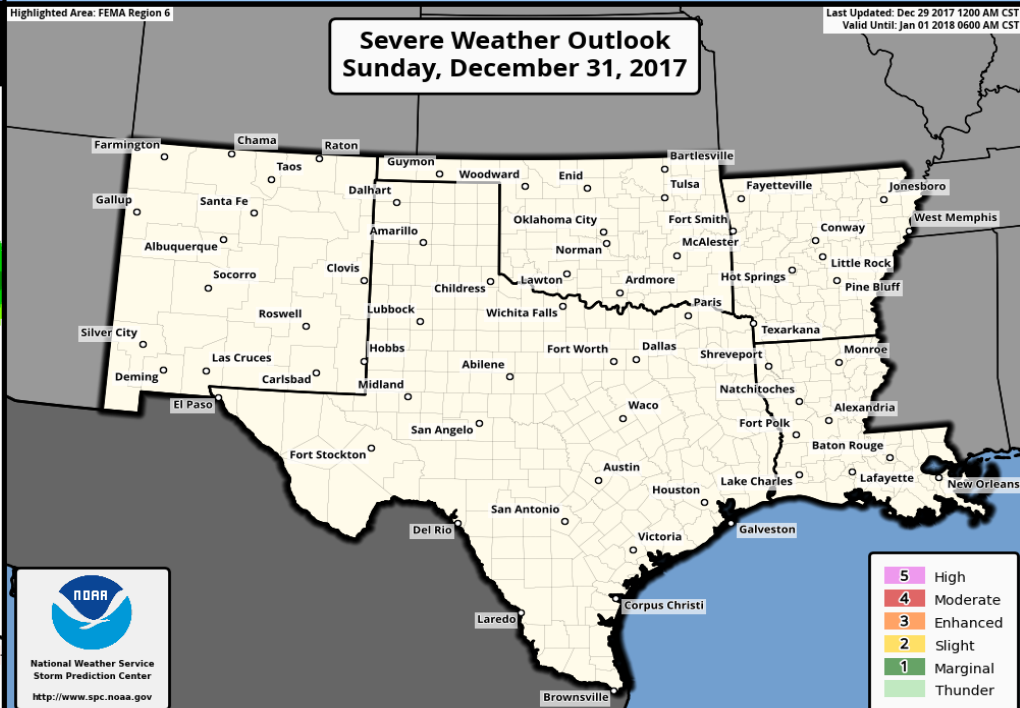
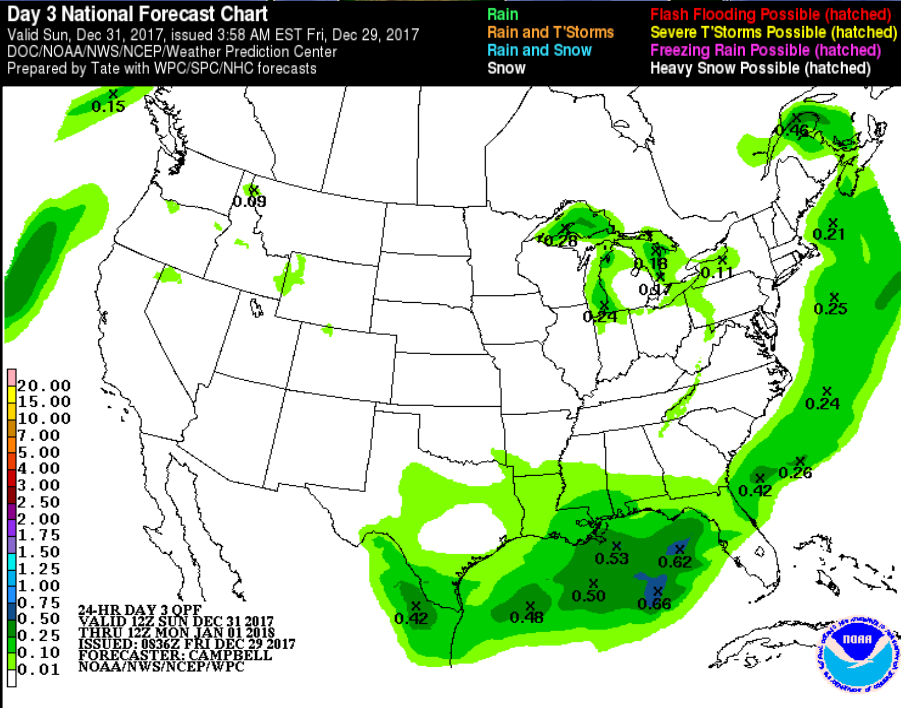
**5** High  
**4** Moderate  
**3** Enhanced  
**2** Slight  
**1** Marginal  
 Thunder

# Sunday's Weather



Freezing drizzle is possible over N TX & OK early Sunday. Wintry mix is possible over AR possibly into N LA on Sunday.

By Sunday night freezing drizzle will be possible over Central into E TX, possibly into NW LA; will be patchy coverage at best. **VERY LIGHT to no accumulations expected; however, slick roads and patchy ice along with increased holiday travel may lead to hazardous travel conditions.**











# Day 4-5 Weather Hazards

## Monday - Tuesday



**Very cold  
temperatures  
expected to start off  
2018.**

**Very light freezing drizzle  
may linger into Monday  
morning**

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

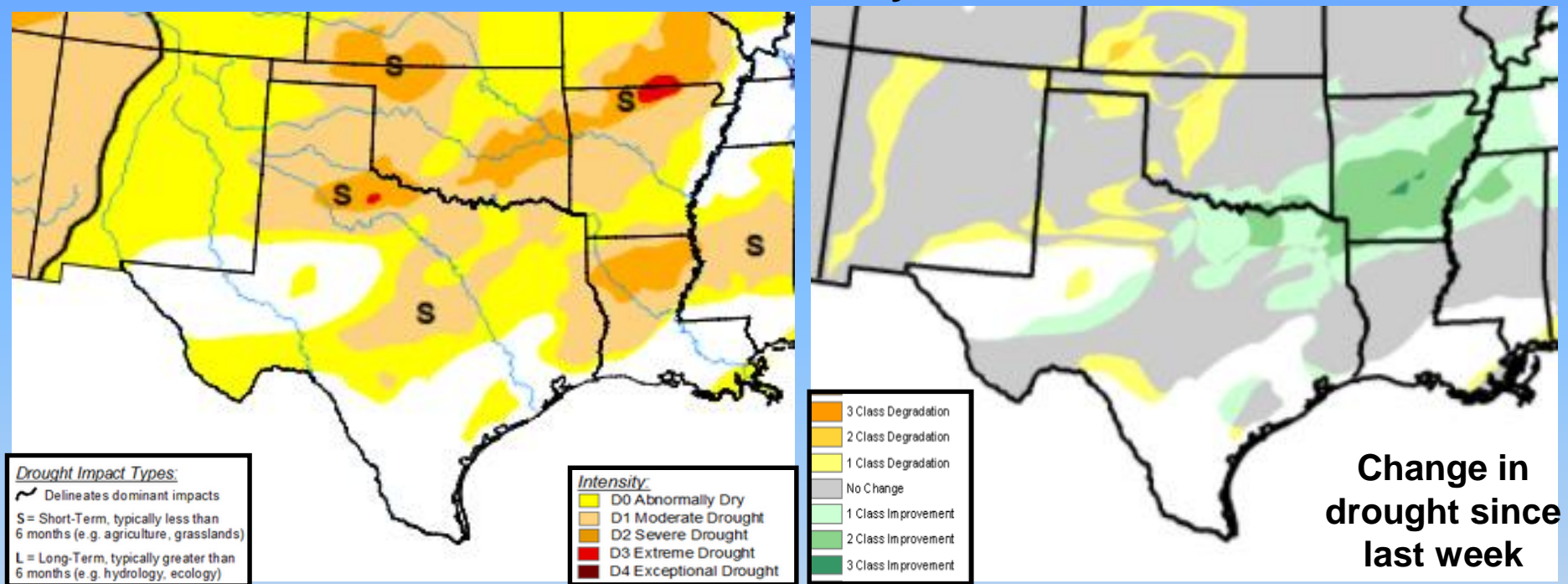
**\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**





# Drought Monitor Released December 28, 2017

Data valid as of 6am CST, Tuesday, December 26, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	2.37%	25.31%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	0.00%	1.21%	0.00%	3.14%
Texas	0.11%	0.25%	0.00%	0.04%
New Mexico	0.00%	0.00%	0.00%	0.00%

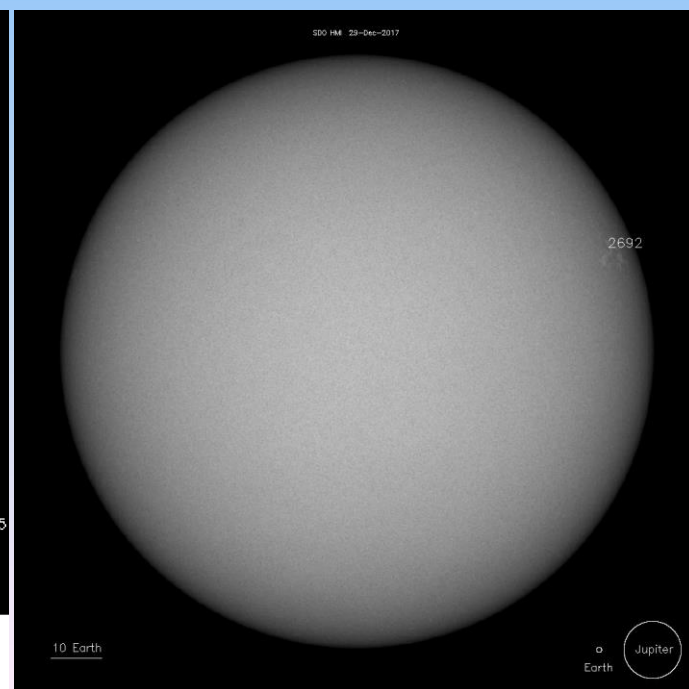
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-12-29 12:14 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>